

U S ENVIRONMENTAL PROTECTION AGENCY  
 POLLUTION/SITUATION REPORT  
 ESI-PRP Removal - Removal Polrep



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
 Region V

**Subject:** POLREP #47  
 Progress  
 ESI-PRP Removal  
 B5YS  
 Indianapolis, IN  
 Latitude: 39.9128600 Longitude: -86.2423680

**To:** Sue Michael, City of Indianapolis  
 Tom White, Citizens Energy Group  
 Harry Atkinson, IDEM  
 Ryan Groves, IDEM  
 Megan Nagle, IDEM  
 George Ritchotte, IDEM  
 Jason Doerflein, Marion County Health Department  
 Sam Bruner, Pike Fire Department  
 Charles Gebien, U S. EPA Region V  
 John Maritote, U S EPA Region V  
 Janet Pope, U S EPA Region V  
 Debbie Keating, U S EPA Region V, ESS  
 Karen Kirchner, U S. EPA Region V, LCD  
 Kendall Moore, U.S. EPA Region V, LCD  
 Susan Perdomo, U S. EPA Region V, ORC  
 Gary Prichard, U S EPA Region V, ORC  
 John Steketee, U S. EPA Region V, ORC  
 Carol Staniec, U.S. EPA Region V, Water  
 Kim Cussen, United Water  
 Nola Hicks, U.S. EPA Region V, ORC  
 Mark Johnson, ATSDR  
 Robert Darnell, U S Department of Justice  
 Stan Rigney, IDEM  
 Randy Braun, IDEM  
 USCG NRC, NRC  
 David Chung, U.S. EPA HQ  
 Jeff Kelley, U S. EPA  
 Maupin Natalie, IDEM  
 Eric Kaufman, Marion County Health Department  
 Carol Ropski, U S EPA Region V, ESS  
 Jason Ravenscroft, Marion County Health Department  
 Sherry Fielding, U.S EPA HQ  
 Dan Sparks, USFWS  
 Ed Karecki, USFWS  
 Bob Masbaum, Citizens Energy Group  
 Kristen Heitman, Providence Wildlife  
 Michael Massonne, City of Indianapolis  
 Cheryl Carlson, Citizens Energy Group  
 Emily Mack, City of Indianapolis  
 Thomas Marks, U.S EPA  
 Rex Osborn, IDEM

Gabriele Hauer, IDEM  
 Max Michael, IDEM  
 Jason El-Zein, U.S. EPA  
 Beverly Kush, U.S. EPA  
 Valincia Darby, Department of Interior  
 John Glover, U.S. EPA  
 Deirdre Wyatt, IDEM

**From:** Verrneta Simon, On-Scene Coordinator  
**Date:** 3/13/2012  
**Reporting Period:** 3/5/2012-3/9/2012

## 1. Introduction

### 1.1 Background

<b>Site Number:</b>	B5YS	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	9/30/2010
<b>Response Authority:</b>	CERCLA	<b>Response Type:</b>	PRP Oversight
<b>Response Lead:</b>	PRP	<b>Incident Category:</b>	Removal Action
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	4/6/2011	<b>Start Date:</b>	4/6/2011
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>	INN0051050501	<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>		<b>Reimbursable Account #:</b>	

#### 1.1.1 Incident Category

Bankrupt Commercial Used Oils Facility

#### 1.1.2 Site Description

See POLREP 1

##### 1.1.2.1 Location

4910 West 86th Street, Indianapolis, Indiana 46268

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

See POLREP 1

#### 2.1.2 Response Actions to Date

On March 5, 2012, 0.6" of precipitation fell over the weekend.

- Midwest received 572 tons of limestone in 28 loads
- Midwest received 61 tons of sand in 3 loads
- Midwest completed constructing the sand and limestone gravel ramp into the east bunker tank
- No solidified sludge was covered with sand or gravel
- A bulldozer was used to grade the ramp as it approached completion
- Midwest preloaded (2) 20 cyd roll off boxes with east bunker tank solidified sludge
- Midwest pumped water accumulated in the east bunker tank into the west bunker tank
- Midwest moved limestone gravel from the Tank 51 secondary containment to the east bunker tank.
- Midwest activated the new carbon in the GAC vessels.
- Midwest pumped northeast area storm sewer water into Tank 6.
- Midwest and Trihydro painted grid marks on the interior of Tank 51.

On March 6, 2012, Midwest hauled off (15) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.

- Midwest removed solidified sludge from the east bunker tank with a bulldozer and long reach excavator
- Midwest preloaded (3) 20 cyd roll off boxes with east bunker tank solidified sludge
- Midwest excavated approximately 4 feet of soil from behind the northern portion of the east wall of the east bunker tank to relieve pressure on that portion of the wall
- Midwest pumped water accumulated in the east bunker tank into the west bunker tank
- Midwest pumped northeast area storm sewer water into Tank 6
- Trihydro finished marking and numbering grids on the interior of Tank 51.
- Trihydro sampled the closed loop GAC effluent for BTEX.

On March 7, 2012, Midwest hauled off (20) 20 cyd roll-off boxes of solidified sludge to Southside Landfill in Indianapolis, IN.

- Midwest finished removing solidified sludge from the east bunker tank with a bulldozer, a long reach excavator, squeegees, and shovels
- Midwest began removing the limestone gravel ramp in the east bunker tank.
- Midwest pumped water accumulated in the east bunker tank into the west bunker tank.
- Trihydro requested visual inspection of the east bunker tank. All sludge was removed, and the tank floor and walls passed the visual inspection standard. The condition of the tank was documented with photos.
- Trihydro sampled the interior of Tank 51 for PCB's
- START split 20% of Tank 51 PCB samples
- Roger Ward Engineering was on site to discuss the final stormwater management plan with Trihydro.
- EPA verbally agreed to allowing the bunker tanks to be backfilled with site clay

On March 8, 2012, 0.6" of rain fell overnight and during the day.

- Midwest continued removing the limestone gravel ramp in the east bunker tank.
- Midwest created a stockpile of removed limestone gravel ramp material west of the bunker tanks
- Midwest pumped northeast area storm sewer water into Tank 6.
- Trihydro hauled off 4 loads (24,000 gal) of oily water from Tank 6 and the solidification pits to United Waste Water Inc.'s facility in Cincinnati, OH.
- Trihydro sampled spent GAC carbon for total VOC's, SVOC's, and PCB's at Southside Landfill's request.

On March 9, Midwest finished removing the limestone gravel ramp in the east bunker tank.

- Midwest stockpiled removed limestone gravel ramp material west of the bunker tanks
- Midwest began pumping west bunker tank water into the east bunker tank
- Midwest pumped northeast area storm sewer water into Tank 6.
- Midwest swept paved areas with a bobcat mounted with a sweeper attachment.
- Trihydro hauled off 7 loads (40,700 gal) of oily water from Tank 6, the southwest area storm sewer, and the solidification pits to United Waste Water Inc.'s facility in Cincinnati, OH.
- Trihydro received analytical results from the GAC closed loop sampling that indicated the BTEX was not detected in the effluent.
- IDEM was notified and cleared Trihydro to begin GAC treatment and discharge again.
- EPA ERT representative John Gilbert was on site for a site walk

The wood pulp and sawdust solidification materials are reclaimed/recycled products. As of March 9, 2012, approximately 15,250,000 pounds of wood pulp solidification media, 1,800 tons of sawdust solidification media have been used to solidify sludge. Additionally, 880 tons of lime solidification media and 45 tons of TerraBond solidification media had been used to solidify waste sludge.

As of March 9, 1,264 tons of sand and 1,400 tons of limestone gravel had been placed into the east bunker tank to access the remaining solidified sludge.

### **2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)**

N/A

### **2.1.4 Progress Metrics**

<b>Waste Stream</b>	<b>Medium</b>	<b>Quantity</b>	<b>Discharge</b>	<b>Treatment</b>	<b>Disposal</b>
Oily Water	Liquid	4,536,116 gallons		X	
Stormwater	Liquid	437,356 gallons		X	
Tank 51 Containment	Liquid	452,051 gallons		X	
Totes and Drums	Liquid	13,310 gallons		X	
Solidified Sludge	Solid	27,900 cyd			X
Unsolidified Sludge	Liquid	200 cyd		X	
Treated Stormwater	Liquid	1,048,236 gallons	X		

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

- Decide the final strategy regarding the east and west million gallon bunker tanks
- Implement long term stormwater management plan.

#### 2.2.1.1 Planned Response Activities

None

#### 2.2.1.2 Next Steps

U.S. EPA will provide oversight of PRP Group removal activities

### 2.2.2 Issues

None

## 2.3 Logistics Section

Not applicable

## 2.4 Finance Section

### 2.4.1 Narrative

Not applicable

## 2.5 Other Command Staff

### 2.5.1 Safety Officer

Not applicable.

### 2.6 Liaison Officer

Not applicable

### 2.7 Information Officer

#### 2.7.1 Public Information Officer

#### 2.7.2 Community Involvement Coordinator

A Community Meeting is tentatively planned for March 2012.

## 3. Participating Entities

### 3.1 Unified Command

Indiana Department of Environmental Management  
 Indianapolis Department of Public Works  
 Pike Township Fire Department  
 City of Indianapolis

**3.2 Cooperating Agencies**  
Marion County Health Department

**4. Personnel On Site**

START Contractor  
Trihydro  
Midwest (subcontractor to Trihydro)  
EQ (subcontractor to Trihydro)  
Roger Ward Engineering (subcontractor to Trihydro)  
AVS (subcontractor to Trihydro)

**5. Definition of Terms**

ASAOC – Administrative Settlement Agreement on Consent  
ERRS – Emergency and Rapid Response Services  
IDEM – Indiana Department of Environmental Management  
OSC – On-Scene Coordinator  
POLREP – Pollution Report  
PRP - Potentially Responsible Party  
QMP - Quality Management Plan  
RCRA – Resource Conservation and Recovery Act  
START – Superfund Technical Assessment and Response Team  
U S. EPA – United States Environmental Protection Agency

**6. Additional sources of information**

**6.1 Internet location of additional information/report**

For additional information, please refer to the US EPA lead removal action website at [www.epaosc.org/esl](http://www.epaosc.org/esl)

**6.2 Reporting Schedule**

The next POLREP will be submitted at a date to be determined.

**7. Situational Reference Materials**

For additional information, please refer to the documents section at [www.epaosc.org/esl](http://www.epaosc.org/esl)







